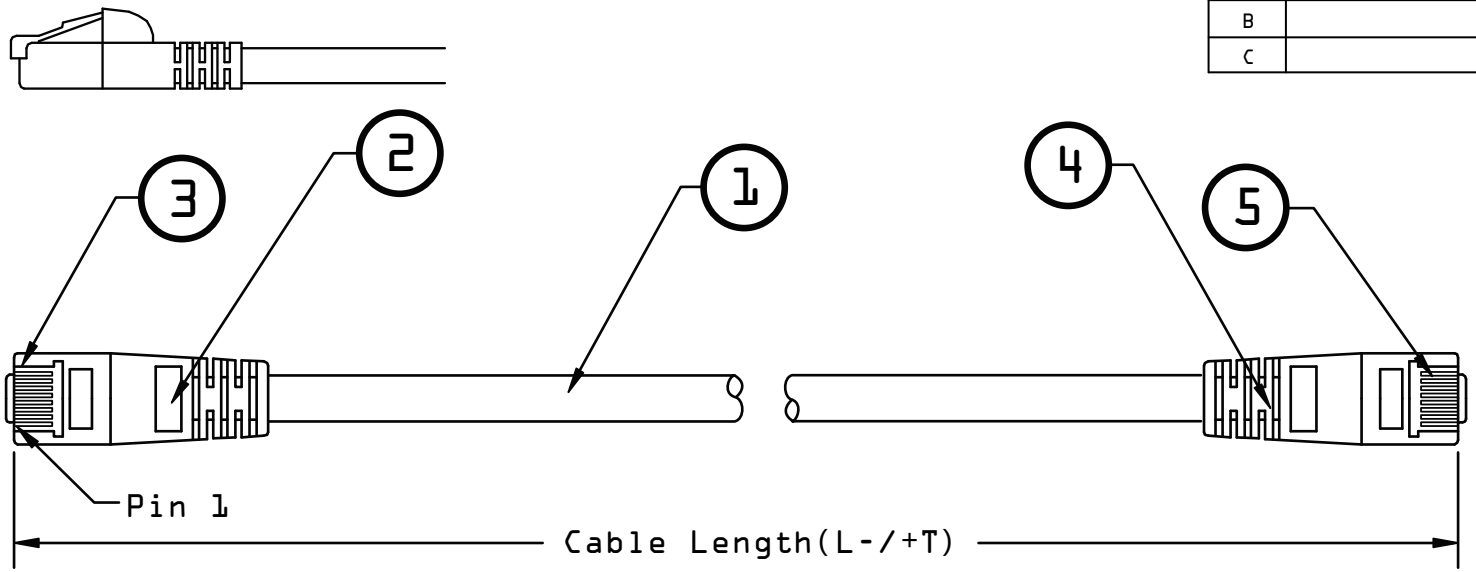
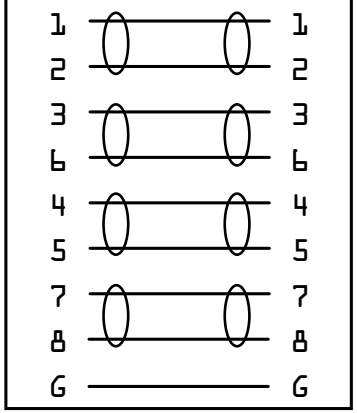
REV.	DESCRIPTION	DATE
B		02-2006
C		02-2014



PART NO.	CABLE LENGTH	
	L	-/+T(mm)
10X6-5xx00.5	0.5ft	-10/+30
10X6-5xx01	1 ft	-10/+30
10X6-5xx01.5	1.5ft	-10/+30
10X6-5xx02	2 ft	-10/+30
10X6-5xx03	3 ft	-10/+30
10X6-5xx04	4 ft	-15/+50
10X6-5xx05	5 ft	-15/+50
10X6-5xx06	6 ft	-15/+50
10X6-5xx07	7 ft	-15/+50
10X6-5xx10	10 ft	-15/+50
10X6-5xx12	12 ft	-15/+50
10X6-5xx14	14 ft	-20/+50
10X6-5xx15	15 ft	-20/+50
10X6-5xx20	20 ft	-30/+60
10X6-5xx25	25 ft	-35/+75
10X6-5xx30	30 ft	-45/+90
10X6-5xx35	35 ft	-50/+100
10X6-5xx50	50 ft	-75/+150
10X6-5xx75	75 ft	-100/+200
10X6-5xxHD	100 ft	-150/ 300

Pin Assignment



Color Options

Gray, Black,
Green, Purple,
Orange, Blue,
Red, Pink,
Yellow and White

NO.	SPECIFICATIONS
5	RJ45 Modular Plug with Metal Shell, 30u Gold Plating Contacts
4	PVC Molded Hood
3	RJ45 Modular Plug with Metal Shell, 30u Gold Plating Contacts
2	PVC Molded Hood
1	STP, 24AWG, 4 Twisted Pairs, Stranded Bare Copper, UL ETL, EIA/TIA-568B Verified Category 5 E, Short Body Connectors, Shielded w/AL-Foil

BOM LIST

ITEM NUMBER	10X6-5xxxx			DRAWER	JL
TITLE	CAT-5 E, 100MHz STP, Molded w/Boot, Network Cable.			CHECKED	MAC
				APPROVED	MAC
MATERIAL		SCALE			
REV.	C	UNIT	INCH		
DRAWING NO:					

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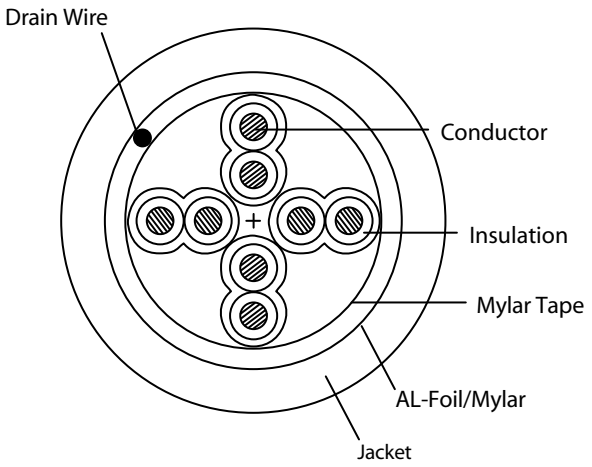
Construction & Material :

Item		Unit	Specification
Product			CAT-5 E STP 4P
Conductor	Size	AWG	24
	Number	Pairs	4
	Material		Stranded Bare Copper
	Construction	pcs / mm	7/0.196
	Diameter	mm	0.588
Insulation	Material		HD-PE
	Min.thickness	mm	0.161
	Avg.thickness	mm	0.181
	Diameter	mm	0.99
	Color		Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction		See Cross Section
Cabling	Construction		See Cross Section
Taping	Material		Mylar
	Size	mm	0.025 x 25
	Lay Length	%	Overlap 25
	Type		Lengthways Wrapped
Drain Wire	Material		Stranded Tinned Copper
	Construction	pcs / mm	7/0.20
Shielding	Material		AL-Foil / Mylar
	Size	mm	0.030 x 17
	Lay Length	%	Overlap 25
Jacket	Material		PVC
	Min.thickness	mm	0.45
	Avg.thickness		0.55
	Overall Diameter	mm	6.00±0.20
	Color		By Order
Marking	TYPE CM 75℃ (UL) E188630 24AWG CSA LL81295 CMG 75℃ FT4 ETL VERIFIED TIA/EIA-568-B.2 CAT.5e Shielded Patch Cable		

REV.	DESCRIPTION	DATE
A		02-2006
B		11-2013

Cross Section:



DRAWER	JL
CHECKED	MAC
APPROVED	MAC

Black Cable : White Marking
Other Cable : Black Marking

COLORS:	PART NUMBER:	TITLE:
Gray, Purple, Red, Yellow, White, Blue, Black	10X6-5xxSH	CAT-5 E STP, 24AWG, Stranded

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REV.	DESCRIPTION	DATE
B		02-2006
C		11-2013

Electrical Property :

Item		Unit	Specification		Standard		
D-C Resistance		Ohm/100M	AT 20°C		DC Max.9.38		
D-C Resistance Unbalance		%	------		Max.5		
Capacitance Unbalance		pF/100M	------		Max.330		
Characteristic Impedance 1.0~100.0MHz		Ohm/100M	------		100±15		
Temperature rating		°C	Celsius		-10/ +75		
Dielectric Withstand		AV/2 Sec.	1500V		No Breakdown		
Frequency MHz	Attenuation dB/100m	NEXT Pair-Pair (dB)	NEXT Power Sum (dB)	ELFEXT Pair-Pair (dB)	ELFEXT Power Sum (dB)	Structural Return Loss (dB)	Return Loss (dB)
1	2.4	65.3	62.3	63.8	60.8	23.0	20.0
10	7.8	50.3	47.3	43.8	40.8	23.0	25.0
16	9.9	47.3	44.4	39.7	36.7	23.0	25.0
20	11.1	45.8	42.8	37.7	34.7	23.0	25.0
25	12.5	44.4	41.3	35.8	32.8	22.0	24.2
31.25	14.1	42.9	39.9	33.9	30.9	21.1	23.3
62.5	20.4	38.4	35.4	27.8	24.8	18.1	20.7
100	26.4	35.3	32.3	23.8	20.8	16.0	19.0

DRAWER	JL
CHECKED	MAC
APPROVED	MAC

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